

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 8/24/99 are:

37 CFR 1.84(h) - 37 CFR 1.152

A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(h): Acceptable categories of drawings:  
 Black and white prints or drawings to qualify must be in color. (Words do not appear on a horizontal left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) 1)  
 Color drawings are not acceptable until petition is granted.  
 Fig(s) 2  
 Pen and ink black ink not permitted. Fig(s) 3 9. SCALE. 37 CFR 1.84(k): Drawing must be reduced to fit on the page. Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) 4

2. PHOTOGRAPHS. 37 CFR 1.84 (b):  
 1 full-tone set is required. Fig(s) 5  
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) 6  
 Poor quality (half-tone). Fig(s) 7

3. TYPE OF PAPER. 37 CFR 1.84(e):  
 Paper not flexible, strong, white, and durable. Lines, numbers & letters not uniformly thick, and well defined, clean, durable, and black (poor line quality). Fig(s) 8  
 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 9  
 Mylar, vellum paper is not acceptable (too thin). Fig(s) 10

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  
 21.0 cm by 29.7 cm (DIN size A4)  
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
 All drawing sheets not the same size. Sheet(s) 11  
 Drawings sheets not an acceptable size. Fig(s) 12

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:  
 Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm  
 SIZE: A4 Size  
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
 SIZE: 8 1/2 x 11  
 Margins not acceptable. Fig(s) 13  
 Top (T) 14 Left (L) 15 Right (R) 16 Bottom (B) 17

6. VIEWS. 37 CFR 1.84(h):  
 REMINDER: Specification may require revision to correspond to drawing changes.  
 Partial views. 37 CFR 1.84(h)(2)  
 Brackets needed to show figure as one entity. Fig(s) 18  
 Views not labeled separately or properly. Fig(s) 19  
 Enlarged view not labeled separately or properly. Fig(s) 20

7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  
 Hatching not indicated for sectional portions of an object. Fig(s) 21  
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) 22

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j):  
 Drawing must be arranged in a horizontal left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) 23

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i):  
 Lines, numbers & letters not plain and legible. Fig(s) 24  
 Figure legends are poor. Fig(s) 25  
 Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) or (2)  
 Fig(s) 26  
 English alphabet not used. 37 CFR 1.84(p)(2)  
 Figs 27  
 Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  
 Fig(s) 28

13. LEAD LINES. 37 CFR 1.84(q):  
 Lead lines cross each other. Fig(s) 29  
 Lead lines missing. Fig(s) 30

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t):  
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) 31

15. NUMBERING OF VIEWS. 37 CFR 1.84(u):  
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) 32

16. CORRECTIONS. 37 CFR 1.84(w):  
 Corrections not made from prior PTO-948 dated 33

17. DESIGN DRAWINGS. 37 CFR 1.152:  
 Surface shading shown not appropriate. Fig(s) 34  
 Solid black shading not used for color contrast. Fig(s) 35

## COMMENTS

REVIEWER S. ZellerDATE 10/10/99TELEPHONE NO. 703 305-6330